

Serial No. 10/528,731
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Amendments To The Claims:

Please amend the claims as shown.

1 - 11 (canceled)

12. (currently amended) A method for monitoring a technical installation, comprising:
acquiring a human physiological reaction of a human during an inspection tour of a
portion of the technical installation,
~~whereby human perception~~ analyzing the reaction and/or sight is analysed to diagnose
~~determine the operational condition of a component the portion of the technical installation.~~

13. (currently amended) The method according to Claim 12, wherein the said ~~human~~
physiological reaction includes one of a neuritic current and changes in the neuritic current, and
blood pressure and changes in blood pressure, pulse rate and changes in pulse rate, pulse strength
and changes in pulse strength, galvanic skin reflex and changes in galvanic skin reflex, and
breathing patterns.

14. (currently amended) The method according to Claim 12, wherein a camera device
is used to record the human's sight including changes in said human's directions of sight.

15. (previously presented) The method according to Claim 12, wherein the human is
equipped with a sensor device to acquire the human's physiological reaction.

16. (previously presented) The method according to Claim 12, further comprising
storing the human's physiological reaction in a database and the database representing a history
of the human's physiological reaction.

Serial No. 10/528,731

Atty. Doc. No. 2002P15759WOUS

17. (currently amended) The method according to Claim 12, further comprising an assignment of the acquired human physiological reaction at a failure, a process disturbance, and a normal operation of a the component in the technical installation.

18. (currently amended) ~~An apparatus for~~ A method for performing a diagnosis of a technical installation, comprising:

providing a sensor device; and

acquiring a human physiological reaction with the device, ~~wherein the sensor device acquires the human physiological reaction of a human during an inspection tour by of the human around a portion of the technical installation, and analyzing the reaction human perception and/or sight is analysed~~ to determine a condition of ~~a the~~ portion of the technical installation.

19. (currently amended) The ~~method apparatus~~ according to Claim 18, wherein the step of acquiring the human physiological reaction includes acquiring one of more of a neuritic current and changes in the neuritic current, blood pressure and changes in blood pressure, pulse rate and changes in pulse rate, pulse strength and changes in pulse strength, galvanic skin reflex and changes in galvanic skin reflex, and breathing patterns.

20. (currently amended) The ~~apparatus method~~ according to Claim 18, further comprising using a camera device to record the human's sight and changes of said human's directions of sight.

21. (currently amended) The ~~apparatus method~~ according to Claim 18, further including providing ~~comprising~~ a database for storing the human physiological reaction with the database representing a history of the human's physiological reaction.

22. (currently amended) The ~~method apparatus~~ according to Claim 18, wherein the acquired human physiological reaction is assigned one of a failure, process disturbance, and normal operation of a component of the technical installation.